



Electronic Filing System (EFS) Data

Electronic Patent Application Submission

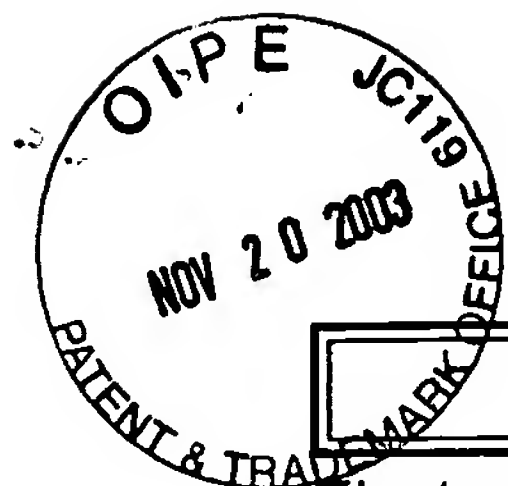
USPTO Use Only

EFS ID: 50999
Application ID: 10605490
Title of Invention: OPTICAL FIBER TRANSMISSION
SYSTEM WITH INCREASED
EFFECTIVE MODAL BANDWIDTH
TRANSMISSION
First Named Inventor: Peter Hallemeier
Domestic/Foreign Application: Domestic Application
Filing Date: 2003-10-21
Effective Receipt Date: 2003-11-20
Submission Type: Information Disclosure
Statement
Filing Type:
Confirmation number: 2489
Attorney Docket Number: OPT-008CP



Total Fees Authorized:


Digital Certificate Holder: cn=Kurt Rauschenbach,ou=Registered Attorneys,ou=Patent and
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US
Certificate Message Digest: a1ab24bbea9021f0b7096e8136a739b66ccd7b99



TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0

Title of Invention	OPTICAL FIBER TRANSMISSION SYSTEM WITH INCREASED EFFECTIVE MODAL BANDWIDTH TRANSMISSION									
Application Number: 10/605490 										
Date: 2003-10-21										
First Named Applicant: Peter Hallemeier										
Confirmation Number: 2489										
Attorney Docket Number: OPT-008CP										
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>										
<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Dr. Kurt Rauschenbach Registered Number: 40,137</td><td>kr</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Dr. Kurt Rauschenbach Registered Number: 40,137	kr	Attorney		
Submitted by:	Elec. Sign.	Sign. Capacity								
Dr. Kurt Rauschenbach Registered Number: 40,137	kr	Attorney								
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>OPT-008CPIDS-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			Documents being submitted	Files	us-ids	OPT-008CPIDS-usidst.xml		us-ids.dtd		us-ids.xsl
Documents being submitted	Files									
us-ids	OPT-008CPIDS-usidst.xml									
	us-ids.dtd									
	us-ids.xsl									
Comments										



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

Title of Invention	OPTICAL FIBER TRANSMISSION SYSTEM WITH INCREASED EFFECTIVE MODAL BANDWIDTH TRANSMISSION																																																																																																						
<div>Application Number: 10/605490</div> <div>Confirmation Number: 2489</div> <div>First Named Applicant: Peter Hallemeier</div> <div>Attorney Docket Number: OPT-008CP</div> <div>Search string: (5416862 or 6154589 or 6185346 or 6356680 or 6415076 or 6487338 or 6510265 or 20020126954 or 20020191906 or 20030011847).pn.</div> <div>US Patent Documents</div> <div>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</div> <table><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>5416862</td><td>1995-05-16</td><td>Haas, et al.</td><td></td><td>385</td><td>28</td></tr><tr><td></td><td>2</td><td>6154589</td><td>2000-11-28</td><td>Kirk, et al.</td><td></td><td>385</td><td>29</td></tr><tr><td></td><td>3</td><td>6185346</td><td>2001-02-06</td><td>Asawa, et al.</td><td></td><td>385</td><td>28</td></tr><tr><td></td><td>4</td><td>6356680</td><td>2002-03-12</td><td>Kirk, et al.</td><td>B1</td><td>385</td><td>29</td></tr><tr><td></td><td>5</td><td>6415076</td><td>2002-07-02</td><td>DeCusatis</td><td></td><td>385</td><td>28</td></tr><tr><td></td><td>6</td><td>6487338</td><td>2002-11-26</td><td>Asawa, et al.</td><td></td><td>385</td><td>29</td></tr><tr><td></td><td>7</td><td>6510265</td><td>2003-01-21</td><td>Giaretta, et al.</td><td>B1</td><td>385</td><td>38</td></tr></tbody></table> <div>US Published Applications</div> <div>Note: Applicant is not required to submit a paper copy of cited US Published Applications</div> <table><thead><tr><th>init</th><th>Cite.No.</th><th>Pub. No.</th><th>Date</th><th>Applicant</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>20020126954</td><td>2002-09-12</td><td>Asawa, et al.</td><td>A1</td><td>385</td><td>28</td></tr><tr><td></td><td>2</td><td>20020191906</td><td>2002-12-19</td><td>Price, et al.</td><td>A1</td><td>385</td><td>24</td></tr><tr><td></td><td>3</td><td>20030011847</td><td>2003-01-16</td><td>Dai, et al.</td><td>A1</td><td>359</td><td>161</td></tr></tbody></table>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	5416862	1995-05-16	Haas, et al.		385	28		2	6154589	2000-11-28	Kirk, et al.		385	29		3	6185346	2001-02-06	Asawa, et al.		385	28		4	6356680	2002-03-12	Kirk, et al.	B1	385	29		5	6415076	2002-07-02	DeCusatis		385	28		6	6487338	2002-11-26	Asawa, et al.		385	29		7	6510265	2003-01-21	Giaretta, et al.	B1	385	38	init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass		1	20020126954	2002-09-12	Asawa, et al.	A1	385	28		2	20020191906	2002-12-19	Price, et al.	A1	385	24		3	20030011847	2003-01-16	Dai, et al.	A1	359	161
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass																																																																																																
	1	5416862	1995-05-16	Haas, et al.		385	28																																																																																																
	2	6154589	2000-11-28	Kirk, et al.		385	29																																																																																																
	3	6185346	2001-02-06	Asawa, et al.		385	28																																																																																																
	4	6356680	2002-03-12	Kirk, et al.	B1	385	29																																																																																																
	5	6415076	2002-07-02	DeCusatis		385	28																																																																																																
	6	6487338	2002-11-26	Asawa, et al.		385	29																																																																																																
	7	6510265	2003-01-21	Giaretta, et al.	B1	385	38																																																																																																
init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass																																																																																																
	1	20020126954	2002-09-12	Asawa, et al.	A1	385	28																																																																																																
	2	20020191906	2002-12-19	Price, et al.	A1	385	24																																																																																																
	3	20030011847	2003-01-16	Dai, et al.	A1	359	161																																																																																																

Signature

Examiner Name	Date